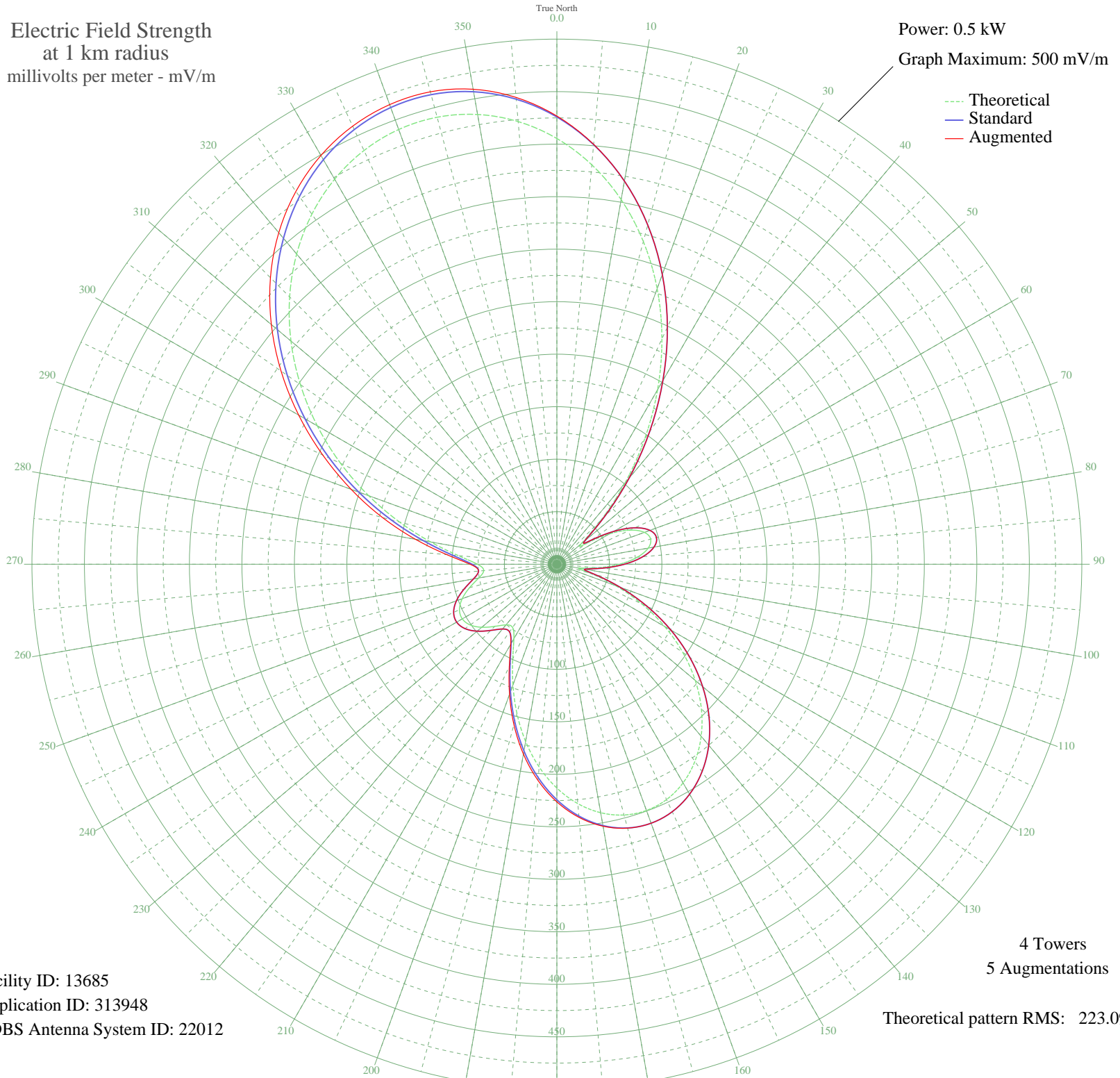


# WABQ PAINESVILLE, OH BL-- 1460 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 13685  
Application ID: 313948  
CDBS Antenna System ID: 22012

4 Towers  
5 Augmentations  
Theoretical pattern RMS: 223.09

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	405.38	425.90	426.78
5	381.78	401.14	401.36
10	352.56	370.48	370.48
15	318.17	334.41	334.41
20	279.27	293.61	293.61
25	236.77	249.04	249.04
30	191.83	201.96	201.96
35	145.95	153.95	153.95
40	100.96	107.03	107.03
45	59.64	64.33	64.33
50	29.97	34.76	34.76
55	35.34	39.93	39.93
60	57.89	62.55	62.55
65	76.92	82.10	82.10
70	88.71	94.31	94.31
75	92.47	98.21	98.21
80	88.32	93.90	93.91
85	76.96	82.14	82.17
90	59.63	64.33	64.39
95	38.56	43.09	43.23
100	21.49	26.96	27.20
105	32.31	36.99	37.15
110	59.43	64.12	64.19
115	89.14	94.76	94.78
120	118.57	125.37	125.38
125	146.48	154.51	154.51
130	172.05	181.25	181.25
135	194.66	204.92	204.92
140	213.83	225.01	225.01
145	229.18	241.09	241.09
150	240.40	252.85	252.85
155	247.24	260.02	260.02
160	249.54	262.43	262.43
165	247.21	259.99	260.15
170	240.25	252.70	253.31
175	228.81	240.70	241.97

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	213.16	224.30	226.29
185	193.77	204.00	206.61
190	171.38	180.55	183.54
195	147.04	155.09	158.10
200	122.29	129.25	131.83
205	99.45	105.46	107.19
210	81.89	87.24	87.93
215	73.48	78.56	78.58
220	75.35	80.48	80.48
225	83.69	89.11	89.11
230	93.36	99.14	99.14
235	100.79	106.85	106.85
240	104.04	110.23	110.23
245	102.36	108.48	108.48
250	95.94	101.81	101.81
255	86.04	91.54	91.54
260	75.56	80.69	80.69
265	69.91	74.87	74.87
270	75.62	80.76	82.60
275	94.26	100.07	105.37
280	122.08	129.03	136.79
285	155.11	163.53	172.03
290	190.76	200.84	208.54
295	227.30	239.12	246.03
300	263.47	277.03	283.95
305	298.21	313.47	320.72
310	330.64	347.49	355.04
315	359.99	378.28	385.84
320	385.59	405.14	412.11
325	406.88	427.47	433.38
330	423.37	444.78	449.46
335	434.69	456.66	460.26
340	440.52	462.78	465.73
345	440.63	462.90	465.70
350	434.86	456.84	459.25
355	423.11	444.51	446.21

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission